

# PIER SYSTEM AND METHOD OF CONSTRUCTION

## Abstract

Disclosed is a pier system having at least one shelf beam which has a side panel and a shelf member, the shelf member supporting a decking unit, and a method for constructing the pier system. The decking unit may also be supported by connecting members, such as support bars or inverted trusses, which are attached to and span the distance between points on the shelf members of the shelf beams. Each shelf beam is coupled to at least one support post, and the support post may be connected to a sleeve that slides axially around the support post. The method involves constructing a pier frame out of at least two shelf beams and support posts, placing a decking unit upon the shelf members of the shelf beams, and extending the pier system by repeating the process and coupling successive pier frames to one another.